

Welcome to the California Renewables Portfolio Standard Procurement Verification Data Review Workshop

***Thank you for your participation – The workshop will begin shortly
Please take advantage of the WebEx callback function***

**March 26, 2009
9:00 AM – 4:00 PM**

California Energy Commission
Hearing Room A
1516 Ninth Street
Sacramento, CA, 95814



Workshop Agenda - Afternoon

- Introduction
 - Kate Zocchetti – RPS Program Supervisor
- Afternoon Session: 1:30- 4:00
 - Welcome and housekeeping
 - RPS Procurement Verification Background and overview
 - Public Discussion
 - Meeting Adjourned



Housekeeping

- Handouts on desk at room entrance
- Restrooms located on 1st floor
- Snack bar on 2nd floor
- Several restaurants in walking distance
- Emergency evacuation procedures
- Webcast vs. WebEx
 - For interactive participation use WebEx
 - For observation only, use Webcast



WebEx Participation

- WebEx users can:
 - View slides
 - “Raise hand” to ask a question
 - “Chat” to the WebEx administrator
- WebEx users are muted on entry
- WebEx users will be unmuted during Q&A
- Login details on page 6 of the workshop notice



Ground Rules

- Use blue cards to make speaking request
 - Blue cards available on table at room entrance
 - Turn in blue cards to Energy Commission staff
 - Before speaking, provide business card to court reporter
 - Must use microphone at podium to speak
- WebEx and phone-only participants can also ask questions during Q&A



Q&A Format

- We will take questions in the following order:
 - Audience blue cards
 - WebEx participants
 - ◆ Click the “Raise Hand” button to ask question
 - We can then unmute you to take your question verbally
 - ◆ Alternatively, you can “chat” your question to “Host”
 - Phone-only participants
 - ◆ We will unmute all phone lines for open ‘mic’ questions
 - Please only unmute your phone to ask a question



RPS Procurement Verification Data Review for Years 2004-2006

Afternoon Session

March 26, 2009

**Lorraine Gonzalez
Renewable Energy Program**



RPS Procurement Data Review Process

- This workshop is part of a two-step process to finalize data for the draft RPS Procurement Verification Report.
- **FIRST STEP:** Verify data and present draft findings at today's public workshop.
- **SECOND STEP TO FOLLOW:** Prepare draft report



Methodology

- An “interim tracking system” was used for the years 2004-2006, comparing all procurement claims from individual facilities to check that there was sufficient generation to cover specific purchases claims and to resolve issues with competing claims.
- The 2007 RPS Procurement Verification Report will continue to utilize the interim tracking system.
- For procurement occurring in 2008 and beyond, this system will be supplemented by WREGIS (Western Renewable Energy Generation Information System).



Sources of Data

- Procurement data reported on CEC-RPS-Track forms.
- Procurement data also reported on SB 1305 Power Source Disclosure Program Annual Reports.
- Generation data from:
 - Annual reports to the Energy Commission from retail providers
 - U.S. Energy Information Administration
 - Invoices submitted by retail providers if procurement claims exceeded generation data by 5 percent or more



New Developments

- 2004 through 2006 data from Electric Service Providers (ESPs) and Small and Multi-Jurisdictional Utilities (SMJUs), as well as Investor Owned Utilities (IOUs). In previous reports, only procurement claims from IOUs were required.
- Revised data for claims from SCE for 2004 through 2006.
- Updated data for claims from PG&E and SDG&E for 2004 and 2005.



Limitations of Interim Tracking System

- Difficulty in identifying facilities.
 - We developed a new database that consolidated all data into one location for easier identification.
- In some cases, procurement claims exceeded generation by 5 percent or more.
 - In these instances we requested invoices from retail sellers to verify claims, or followed-up to confirm that purchases included bundled products.
- Excess generation may be sold to other parties in the voluntary market.
 - We began collaborating with Green-e Energy to attempt to verify that REC claims are not being double-counted or over-allocated.



Summary Tables

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Summary of RPS Procurement (MWh) by year			
	2004	2005	2006
Total RPS procurement ¹			
Procurement from Facilities without RPS-Certification ²			
Procurement from Facilities in which Procurement Claims Exceed Generation by 5 Percent or Greater ³			
Procurement from Distributed Generation Facilities ⁴			
Procurement of Non-bundled Energy ⁵			
RPS-Eligible Procurement ⁶			
Annual Retail sales ⁷			
¹ This amount was reported to the Energy Commission by the retail seller on the RPS-Track form in kWh. For the purposes of this table, the data has been converted to MWh.			
² Since 2004, in order for procurement to be eligible for the RPS, facilities must be certified with the California Energy Commission pursuant to the <i>RPS Eligibility Guidebook</i> .			
³ Procurement from each facility was compared to generation reported to either the Federal Energy Information Administration or various reporting programs at the Energy Commission for that facility. For facilities where there was more than one data source available for the generation amount, the highest one was selected. Please note that, in some cases, unless the retail seller provides documentation to support the RPS procurement claim, such as an invoice, the amount exceeding the generation claim is not counted.			
⁴ Page 4 of the <i>RPS Eligibility Guidebook</i> states the following: "The CPUC issued a final decision (D.07-01-018)...on January 11, 2007 that allows distributed generation system owners to retail 100% of the RECs associated with the distributed generation energy produced...the Energy Commission will certify distributed generation as RPS-eligible only if and when the CPUC authorizes applying tradable RECs toward RPS obligation."			
⁵ Page 3 of the <i>RPS Eligibility Guidebook</i> states, RECs and energy must be procured together as a "bundled" commodity to be eligible for the California RPS.			
⁶ This will be total is the total RPS procurement for each year that excludes ineligible RPS procurement claims.			
⁷ The CPUC uses the previous year's retail sales number to calculate the Annual Procurement Targets. This amount was reported to the Energy Commission by the retail seller on the RPS-Track form in kWh. For the purposes of this table, the data has been converted to MWh.			
*In cases where staff did not have previous year's retail sales numbers reported to us, we used the annual retail sales number reported to retail seller's on the CPUC compliance reports found at: http://www.cpuc.ca.gov/PUC/energy/Renewables/compliance.htm			
N/A = Not Applicable			
TBD = To Be Determined			



APS Energy Services

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APS Energy Services (CEC Reg ID: 9X050) Summary of RPS Procurement (MWh) by year			
	2004	2005	2006
Total RPS procurement ¹	0	0	110,450
Procurement from Facilities without RPS-Certification ²	0	0	0
Procurement from Facilities in which Procurement Claims Exceed Generation by 5 Percent or Greater ³	0	0	0
Procurement from Distributed Generation Facilities ⁴	0	0	0
Procurement of Non-bundled Energy ⁵	0	0	0
RPS-Eligible Procurement ⁶	N/A	N/A	TBD
Annual Retail sales ⁷	N/A	2,689,420	2,301,652



Calpine Power America

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Calpine Power America (CEC Reg ID: 91362) Summary of RPS Procurement (MWh) by year			
	2004	2005	2006
Total RPS procurement ¹	0	0	8,760
Procurement from Facilities without RPS-Certification ²	0	0	0
Procurement from Facilities in which Procurement Claims Exceed Generation by 5 Percent or Greater ³	0	0	0
Procurement from Distributed Generation Facilities ⁴	0	0	0
Procurement of Non-bundled Energy ⁵	0	0	0
RPS-Eligible Procurement ⁶	N/A	N/A	TBD
Annual Retail sales ⁷	N/A	1,046,232*	1,090,243



Constellation New Energy **DRAFT**

Constellation New Energy (CEC Reg ID: 91359) Summary of RPS Procurement (MWh) by year			
	2004	2005	2006
Total procurement ¹	4,400	10,056	85,825
Procurement from Facilities without RPS-Certification ²	0	0	0
Procurement from Facilities in which Procurement Claims Exceed Generation by 5 Percent or Greater ³	0	0	0
Procurement from Distributed Generation Facilities ⁴	0	0	0
Procurement of Non-bundled Energy ⁵	0	0	0
RPS-Eligible Procurement ⁶	TBD	TBD	TBD
Annual Retail sales ⁶	5,267,000	5,777,657	5,199,443



Pilot Power Group, Inc.

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Pilot Power Group, Inc. (CEC Reg ID: 91365) Summary of RPS Procurement (MWh) by year			
	2004	2005	2006
Total RPS procurement ¹	0	0	16,981
Procurement from Facilities without RPS-Certification ²	0	0	0
Procurement from Facilities in which Procurement Claims Exceed Generation by 5 Percent or Greater ³	0	0	0
Procurement from Distributed Generation Facilities ⁴	0	0	0
Procurement of Non-bundled Energy ⁵	0	0	0
RPS-Eligible Procurement ⁶	N/A	N/A	TBD
Annual Retail sales ⁷	N/A	1,058,030*	1,173,700



Sempra Energy Solutions **DRAFT**

Sempra (CEC Reg ID: 91034) Summary of RPS Procurement (MWh) by year			
	2004	2005	2006
Total RPS procurement ¹	20,545	78,641	120,039
Procurement from Facilities without RPS-Certification ²	0	0	0
Procurement from Facilities in which Procurement Claims Exceed Generation by 5 Percent or Greater ³	5,962	0	0
Procurement from Distributed Generation Facilities ⁴	0	0	0
Procurement of Non-bundled Energy ⁵	0	0	0
RPS-Eligible Procurement ⁶	TBD	TBD	TBD
Annual Retail sales ⁷	7,156,024	5,920,750	4,947,200



Strategic Energy LLC

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Strategic Energy LLC (CEC Reg ID: 91351) Summary of RPS Procurement (MWh) by year			
	2004	2005	2006
Total RPS procurement ¹	0	0	54,030
Procurement from Facilities without RPS-Certification ²	0	0	0
Procurement from Facilities in which Procurement Claims Exceed Generation by 5 Percent or Greater ³	0	0	0
Procurement from Distributed Generation Facilities ⁴	0	0	0
Procurement of Non-bundled Energy ⁵	0	0	0
RPS-Eligible Procurement ⁶	N/A	N/A	TBD
Annual Retail sales ⁷	N/A	5,235,220*	5,173,971*



Pacificorp

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PacifiCorp (9X053) Summary of RPS Procurement (MWh) by year			
	2004	2005	2006
Total RPS procurement ¹	35,319	35,495	39,741
Procurement from Facilities without RPS-Certification ²	17,784	20,152	20,712
Procurement from Facilities in which Procurement Claims Exceed Generation by 5 Percent or Greater ³	0	0	0
Procurement from Distributed Generation Facilities ⁴	0	0	0
Procurement of Non-bundled Energy ⁵	0	0	0
RPS-Eligible Procurement ⁶	TBD	TBD	TBD
Annual Retail sales ⁷	841,819*	836,674*	851,205*



Pacific Gas and Electric **DRAFT**

Pacific Gas and Electric (9X024) Summary of RPS Procurement (MWh) by year			
	2004	2005	2006
Total RPS procurement ¹	8,590,682	8,650,362	9,113,617
Procurement from Facilities without RPS-Certification ²	0	0	0
Procurement from Facilities in which Procurement Claims Exceed Generation by 5 Percent or Greater ³	0	0	0
Procurement from Distributed Generation Facilities ⁴	0	0	0
Procurement of Non-bundled Energy ⁵	0	0	0
RPS-Eligible Procurement ⁶	TBD	TBD	TBD
Annual Retail sales ⁷	73,616,302	72,726,639	76,692,370



San Diego Gas & Electric **DRAFT**

Summary of RPS Procurement (MWh) by year			
	2004	2005	2006
Total RPS procurement ¹	677,852	825,302	899,520
Procurement from Facilities without RPS-Certification ²	0	0	0
Procurement from Facilities in which Procurement Claims Exceed Generation by 5 Percent or Greater ³	0	0	0
Procurement from Distributed Generation Facilities ⁴	0	0	0
Procurement of Non-bundled Energy ⁵	0	0	0
RPS-Eligible Procurement ⁶	TBD	TBD	TBD
Annual Retail sales ⁷	15,811,591	16,001,516	16,846,888



Southern California Edison **DRAFT**

Summary of RPS Procurement (MWh) by year			
	2004	2005	2006
Total RPS procurement ¹	13,373,544	13,037,974	12,705,763
Procurement from Facilities without RPS-Certification ²	11	0	4
Procurement from Facilities in which Procurement Claims Exceed Generation by 5 Percent or Greater ³	0	0	0
Procurement from Distributed Generation Facilities ⁴	0	0	0
Procurement of Non-bundled Energy ⁵	193,425	219,590	222,160
RPS-Eligible Procurement ⁶	TBD	TBD	TBD
Annual Retail sales ⁷	72,964,153	74,994,454	78,863,139



Next Steps

- Include any needed revisions to analysis of RPS procurement data.
- Report results in a draft report.
- Draft report will be made available for public comment – planned for summer 2009.
- Once adopted by the Energy Commission, the report will be transmitted to the CPUC for determination of compliance with RPS requirements.
- Once the CPUC receives the Final Verification Report, retail sellers will be required to issue “verified compliance reports” 30 days afterwards.



**Comments on these data are due by
Friday, April 3.**

**For instructions on submitting comments, please refer
to the Workshop Notice.**

For More Information:

<http://www.energy.ca.gov/portfolio/index.html>

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